

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/581,295

Source: IFWQ

Date Processed by STIC: 12/12/06

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 12/12/2006

PATENT APPLICATION: US/10/581,295

TIME: 10:32:37

Input Set : A:\33199101.APP

Output Set: N:\CRF4\12122006\J581295.raw

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3 <110> APPLICANT: THE UNIVERSITY OF TEXAS
4   PAUL, SUDHIR
6 <120> TITLE OF INVENTION: LUPUS ANTIBODIES FOR PASSIVE IMMUNOTHERAPY OF HIV/AIDS
8 <130> FILE REFERENCE: 330199.00101
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/581,295
C--> 11 <141> CURRENT FILING DATE: 2006-06-01
13 <150> PRIOR APPLICATION NUMBER: 60/457,570
14 <151> PRIOR FILING DATE: 2003-03-27
16 <160> NUMBER OF SEQ ID NOS: 66
18 <170> SOFTWARE: PatentIn Ver. 3.3
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 48
22 <212> TYPE: DNA
23 <213> ORGANISM: Human immunodeficiency virus type 1
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31 <212> TYPE: DNA
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34 <400> SEQUENCE: 2
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38 <210> SEQ ID NO: 3
39 <211> LENGTH: 48
40 <212> TYPE: DNA
41 <213> ORGANISM: Human immunodeficiency virus type 1
43 <400> SEQUENCE: 3
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47 <210> SEQ ID NO: 4
48 <211> LENGTH: 48
49 <212> TYPE: DNA
50 <213> ORGANISM: Human immunodeficiency virus type 1
52 <400> SEQUENCE: 4
53 ggcatacatt gcttttctcta cttcctgcca catgtttata atttgttt           48
56 <210> SEQ ID NO: 5
57 <211> LENGTH: 16
58 <212> TYPE: PRT
59 <213> ORGANISM: Human immunodeficiency virus type 1
61 <400> SEQUENCE: 5
62 Lys Gln Ile Ile Asn Met Trp Gln Glu Val Gly Lys Ala Met Tyr Ala
63   1           5           10          15
66 <210> SEQ ID NO: 6
67 <211> LENGTH: 16

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68 <212> TYPE: PRT
69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Description of Artificial Sequence: Linker peptide
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75 Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Ser Ala
76   1           5           10           15
79 <210> SEQ ID NO: 7
80 <211> LENGTH: 56
81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
87 <400> SEQUENCE: 7
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91 <210> SEQ ID NO: 8
92 <211> LENGTH: 56
93 <212> TYPE: DNA
94 <213> ORGANISM: Artificial Sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
99 <400> SEQUENCE: 8
100 gtcctcgcaa ctgcgggccca gccggccatg gccgatgttg tgatgactca gtctcc      56
103 <210> SEQ ID NO: 9
104 <211> LENGTH: 56
105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
111 <400> SEQUENCE: 9
112 gtcctcgcaa ctgcgggccca gccggccatg gccgaaattg tgttgacgca gtctcc      56
115 <210> SEQ ID NO: 10
116 <211> LENGTH: 56
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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127 <210> SEQ ID NO: 11
128 <211> LENGTH: 56
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
135 <400> SEQUENCE: 11
136 gtcctcgcaa ctgcgggccca gccggccatg gccgaaacga cactcacgca gtctcc      56
139 <210> SEQ ID NO: 12
140 <211> LENGTH: 56

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141 <212> TYPE: DNA
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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151 <210> SEQ ID NO: 13
152 <211> LENGTH: 39
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
159 <400> SEQUENCE: 13
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163 <210> SEQ ID NO: 14
164 <211> LENGTH: 48
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
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177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
183 <400> SEQUENCE: 15
184 gcctgaaccg cctccaccac tcgagcggtt gatctccagc ttggtccc      48
187 <210> SEQ ID NO: 16
188 <211> LENGTH: 48
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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199 <210> SEQ ID NO: 17
200 <211> LENGTH: 48
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
207 <400> SEQUENCE: 17
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211 <210> SEQ ID NO: 18
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213 <212> TYPE: DNA

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216 <220> FEATURE:
217 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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223 <210> SEQ ID NO: 19
224 <211> LENGTH: 56
225 <212> TYPE: DNA
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
231 <400> SEQUENCE: 19
232 gtcctcgcaa ctgcggccca gccggccatg gccagctctg tgttgacgca gccgcc          56
235 <210> SEQ ID NO: 20
236 <211> LENGTH: 56
237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
243 <400> SEQUENCE: 20
244 gtcctcgcaa ctgcggccca gccggccatg gccagctctg ccttgactca gcctgc          56
247 <210> SEQ ID NO: 21
248 <211> LENGTH: 56
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
255 <400> SEQUENCE: 21
256 gtcctcgcaa ctgcggccca gccggccatg gcctcctatg tgctgactca gccacc          56
259 <210> SEQ ID NO: 22
260 <211> LENGTH: 56
261 <212> TYPE: DNA
262 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
267 <400> SEQUENCE: 22
268 gtcctcgcaa ctgcggccca gccggccatg gcctcttctg agctgactca ggaccc          56
271 <210> SEQ ID NO: 23
272 <211> LENGTH: 56
273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
279 <400> SEQUENCE: 23
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284 <211> LENGTH: 56
285 <212> TYPE: DNA
286 <213> ORGANISM: Artificial Sequence

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288 <220> FEATURE:
289 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
291 <400> SEQUENCE: 24
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295 <210> SEQ ID NO: 25
296 <211> LENGTH: 56
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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304 gtcctcgcaa ctgcggccca gccggccatg gccaatTTta tgctgactca gcccCa      56
307 <210> SEQ ID NO: 26
308 <211> LENGTH: 48
309 <212> TYPE: DNA
310 <213> ORGANISM: Artificial Sequence
312 <220> FEATURE:
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315 <400> SEQUENCE: 26
316 gcctgaaccg cctccaccac tcgagcctag gacggtgacc ttggtccc      48
319 <210> SEQ ID NO: 27
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321 <212> TYPE: DNA
322 <213> ORGANISM: Artificial Sequence
324 <220> FEATURE:
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327 <400> SEQUENCE: 27
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331 <210> SEQ ID NO: 28
332 <211> LENGTH: 48
333 <212> TYPE: DNA
334 <213> ORGANISM: Artificial Sequence
336 <220> FEATURE:
337 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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343 <210> SEQ ID NO: 29
344 <211> LENGTH: 27
345 <212> TYPE: DNA
346 <213> ORGANISM: Artificial Sequence
348 <220> FEATURE:
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351 <400> SEQUENCE: 29
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355 <210> SEQ ID NO: 30
356 <211> LENGTH: 41
357 <212> TYPE: DNA
358 <213> ORGANISM: Artificial Sequence
360 <220> FEATURE:

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/581,295

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TIME: 10:32:38

Input Set : A:\33199101.APP

Output Set: N:\CRF4\12122006\J581295.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date